

U.S. PATENT APPLICATION

Docket #47176-00687

(Andrew Ref. No. 546)

ABSTRACT

A flange adaptor assembly for coupling a waveguide to any number of flange interfaces, wherein the assembly includes a flange adaptor having a predetermined flange coupling interface. The flange adaptor of the present invention is constructed for engaging the common adaptor side of a number of waveguide flanges, while being semi-permanently secured to the end of a waveguide. The flange interface side of the waveguide flanges varies in accordance with the flange interface to which the waveguide is to be connected. In this manner, a single waveguide can be manufactured and assembled for use with multiple waveguide flanges.